

wherein the first bow limb and second bow limb are deflected toward each other to store energy in the bow when the eccentric cam is rotated and a bowstring cable attached to the eccentrically mounted cam, which is let out from the eccentrically mounted cam, and a return cable attached to the eccentrically mounted cam which is let out from the eccentrically mounted cam and wherein at least the bowstring cable rotates the eccentric cam to provide a compound effect and wherein first and second cable sections extend from said eccentrically mounted cam in the direction of the axle pin of said first bow limb.

40. A combination of an eccentrically mounted cam, a bowstring and a return cable for use in a compound archery bow, said bowstring cable attached to the eccentrically mounted cam which is let-out from the eccentrically mounted cam, when the eccentrically mounted cam is rotated, and said return cable is attached to the eccentrically mounted cam which is let out from the eccentrically mounted cam when the eccentrically mounted cam is rotated and wherein at least the bowstring cable rotates the eccentric cam to provide a compound effect.

42. A compound archery bow comprising first and second bow limbs having axle pins therein, an anchor cable having a first end fixed on the axle pin of said first bow limb and being the only cable fixed on the axle pin of said first bow limb, and having a second end of said anchor cable fixed to an eccentrically mounted cam mounted on the axle pin of said second bow limb, and wherein the first bow limb and second bow limb are deflected toward each other to store energy in the bow when the eccentric cam is rotated, and a bowstring cable attached to the eccentrically mounted cam, which is let out from the eccentrically mounted cam, and a return cable attached to the eccentrically mounted cam which is let out from the eccentrically mounted cam and wherein at least the return cable rotates the eccentric cam to provide a compound effect and wherein first and